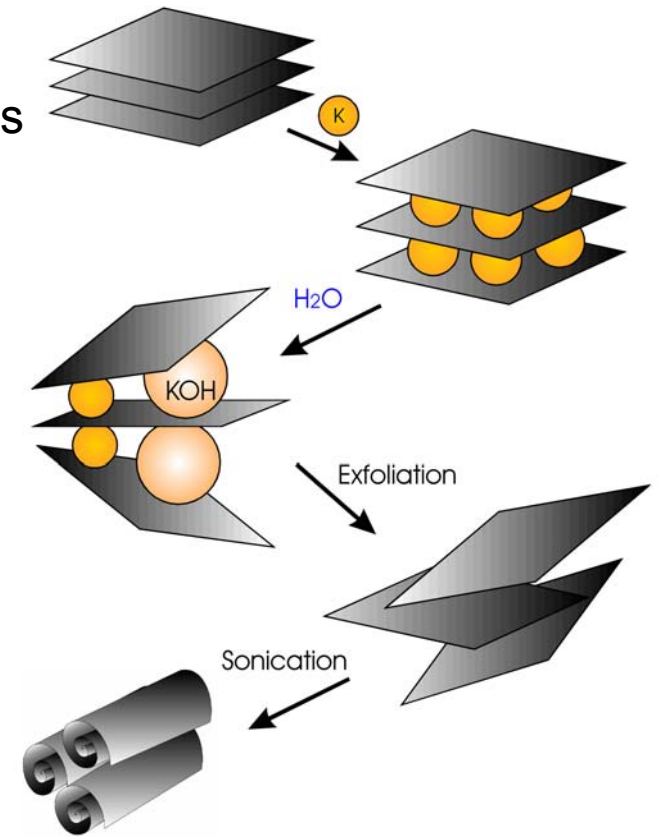
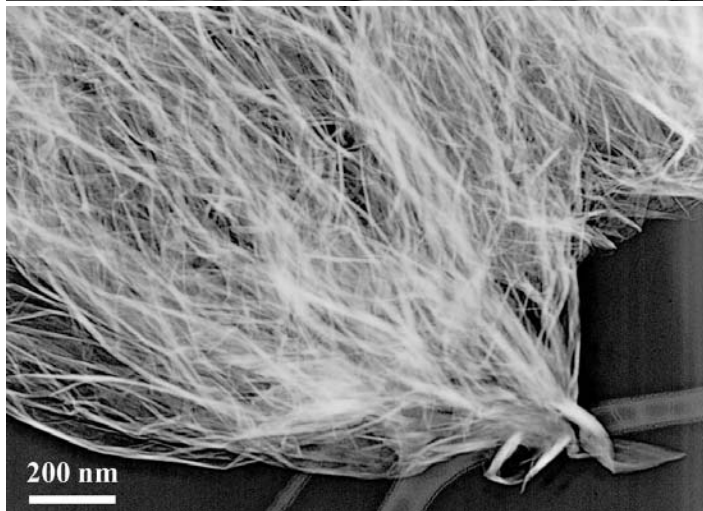
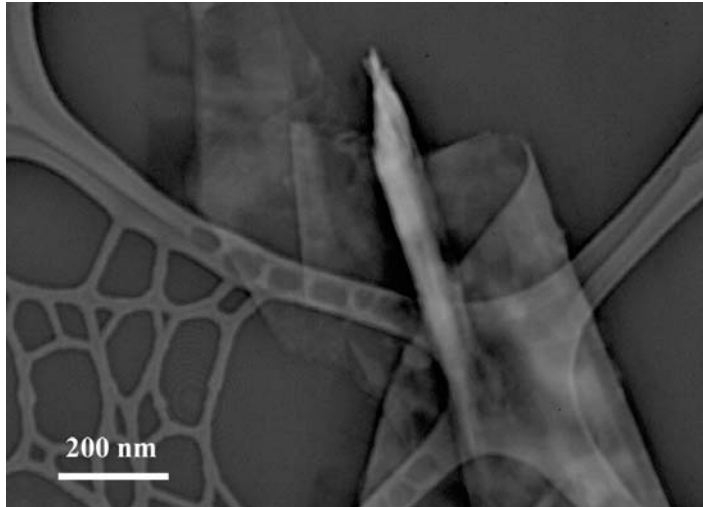


Carbon Nanoscrolls

Richard B. Kaner, University of California, Los Angeles
DMR 0073581



Carbon nanoscrolls, a material analogous to multi-walled carbon nanotubes, can be synthesized by intercalating graphite with potassium, exfoliating in water and sonicating the colloidal suspension.

Education and Outreach

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- ✓ Graduate students Robert Cumberland, Richard Blair, and undergraduate Charisse Crenshaw travelled to Hamilton High School in Los Angeles to perform chemistry demonstrations. The thermite reaction was used to illustrate thermodynamic concepts relevant to current research on metathesis reactions in the Kaner group.
- ✓ Graduate students Rebecca Janes and Lisa Viculis mentored high school students from Palos Verdes High School. Current Kaner group research was presented to an accelerated summer chemistry class highlighting topics appropriate to a high school level. Students then designed their own research proposals based on the talks given by the graduate students.